

1	Course title	Periodontology Practical – 1
2	Course number	1301434
3	Credit hours (theory, practical)	½ hour practical
	Contact hours (theory, practical)	One hour/week
4	Prerequisites/corequisites	NA
5	Program title	Doctor of Dental Surgery (DDS)
6	Program code	NA
7	Awarding institution	The University of Jordan
8	Faculty	Faculty of Dentistry
9	Department	Department of Oral Surgery, Oral Medicine and Periodontology
10	Level of course	Bachelor
11	Year of study and semester (s)	4 th year, 2 nd semester
12	Final Qualification	DDS
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	January/2020

16. Course Coordinator:

<p>Name: Dr. Omar Amjad Al Karadsheh</p> <p>Office Number: N/A</p> <p>Office Phone: N/A</p> <p>E-mail: O_karadsheh@ju.edu.jo</p> <p>Office Hours: N/A</p>

17. Other instructors:

<p>1. Dr Nicola Barghout</p> <p>Office No.: - Faculty of Dentistry</p> <p>office hours:</p> <p>email: nicolabarghout@hotmail.com</p> <p>phone : 06-5355000 x</p>	
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2. Dr. Ahmad Abdel Salam Hamdan <i>Office No.: Faculty of Dentistry, level -1</i> <i>office hours: 23593, 23554, 23639</i> <i>email: ahmoodi@hotmail.com</i> <i>phone : 06-5355000 x</i>	
3. Dr. Murad Shaqman <i>Office No.: 444 – Faculty of Rehabilitation Sciences</i> <i>email: murad90@yahoo.com, m.shaqman@ju.edu.jo</i> <i>phone : 06-5355000 x23576</i> <i>phone : 06-5355000 x</i>	
4. Dr. Najwa Nasrawin Part-timer	

18. Course Description:

Clinical course focused on the examination, diagnosis and treatment of periodontal diseases including prevention, diagnostic procedures, non-surgical therapy and periodontal maintenance.

19. Course aims and outcomes:**Aims:**

1. Develop the necessary clinical skills to evaluate, diagnose and treat the most commonly observed periodontal diseases or conditions, and achieve periodontal health as a very important part of the comprehensive dental care of the patient.
2. Develop knowledge of the concepts for prevention of oral and periodontal diseases and developing the skills to communicate this information to the patients and the community, leading to the promotion of oral health.

B– Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to

- Identify the local and systemic etiological factors of periodontal disease.
- Diagnose and establish a successful treatment plan for his patient.
- Develop the manual skills for the use of periodontal instruments.
- Formulate a treatment plan that considers the various unique conditions of every patient including the patient needs, systemic health, patient motivation, limitations and available therapeutic modalities
- Identify the various tooth accretions.
- Identify gingival and periodontal diseases and master the skills necessary for their treatment.
- Use the various periodontal instruments and equipments proficiently and safely.
- Employ the knowledge of periodontal diseases and skills for periodontal therapy, as a general dental practitioner, in the comprehensive care of the patient.
- Communicate effectively with patients regarding their oral health conditions, their treatment needs and build rapport and trust with the patient.

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Introduction to clinical periodontology	1-2	assigned as per schedule	Periodontology clinic rules and guidelines. Introduction to periodontal examination	No evaluation in this session	references specified in theoretical courses
Instrumentation and oral hygiene instructions	3-4	assigned as per schedule	Demonstrate periodontal instrumentation and exercise on models	Quiz	references specified in theoretical courses
Patient examination, Diagnosis, treatment planning, prognosis	5-6	assigned as per schedule	Patient examination and treatment planning	1-Quiz 2-Clinical evaluation	references specified in theoretical courses
Patient Examination & treatment, and discussion of clinical case assignment	7-8	assigned as per schedule	Patient examination, treatment planning and treatment	evaluating clinical work	references specified in theoretical courses
Patient Examination & treatment, and discussion of clinical case assignment	9-10	assigned as per schedule	Patient examination, treatment planning and treatment	evaluating clinical work	references specified in theoretical courses
Patient Examination & treatment, and discussion of clinical case assignment	11-12	assigned as per schedule	Patient examination, treatment	evaluating clinical work	references specified in theoretical courses

			planning and treatment		
Patient Examination & treatment, and discussion of clinical case assignment	13-14	assigned as per schedule	Patient examination, treatment planning and treatment	evaluating clinical work	references specified in theoretical courses

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

- The student has a 2 hour clinical session once every two weeks over the 2nd semester of the 4th year for a total of 16 clinical contact hours.

Teaching will include supervision of clinical patient care and provision of periodontal care, clinical demonstrations and case discussions.

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Course requirement:

- 1) The student is required to perform a complete periodontal examination and periodontal treatment consisting of scaling and polishing and oral hygiene instructions on at least one patient. The patient/s should also be seen in two to four weeks to re-evaluate the treatment outcome. It is advisable that student would select a gingivitis case with moderate to heavy deposits and that the patient does not exhibit periodontal pocket depth greater than 4mm.

2) The student is expected to be competent and performing an accurate periodontal examination. therefore, the student has to undertake a competency test in the following:

- I. Periodontal examination for each of the followings:
 - 1) Probing depth
 - 2) Mobility
 - 3) Recession
 - 4) Fremitus
 - 5) Furcation involvement
 - 6) Clinical attachment levels.
 - 7) Calculus detection.

Evaluation method:

The grade for this course is divided into:

- 1.1. Continuous course evaluation (60%)
- 1.2. Final exam (40%)

Continuous course evaluation: the grade for this component will be based on:

- 1.3. Quizzes (20%)
- 1.4. Clinical evaluation (sessions 3, 4, 5, 6) (20%)
- 1.5. Patient examination and treatment (sessions 3, 4, 5, 6 and 7) (20%)

2. Final exam: the final exam will be a written exam/OSCE format. The student will be presented with instruments, clinical cases or scenarios including clinical photos, radiographs and periodontal charting. The questions will address clinical aspects such as, but not limited to, establishing diagnoses, identifying etiological factors, formulating a treatment plan and determining prognosis.

23. Course Policies:

A- Attendance policies:

Students are allowed 15% absence according to the laws of the university. This stands for 1 clinical session for 4th year students in the periodontology practical course.

B- Absences from exams and handing in assignments on time:

Students who are absent without excuse on the day of a graded exercise or quizzes will receive a zero grade for that exercise or quiz.

C- Health and safety procedures:

Students should adhere to all the stated rules and regulations regarding safety, cross infection control and patient care.

D- Honesty policy regarding cheating, plagiarism, misbehavior:

Students should adhere to all the stated rules and regulations regarding professional conduct.

E- Grading policy:

As mentioned in the evaluation methods above.

F- Available university services that support achievement in the course:

NA

regulations. If he/she did not attend an exam without an acceptable excuse the student's mark for that exam will be zero. Contributions in e-learning forums are accepted if submitted 24 hours before time of final exam.

24. Required equipment:

Each student is responsible for having an examination set that includes: dental mirror, dental explorer, tweezers and an "acceptable" quality periodontal probe.

An "acceptable" periodontal probe is either the Michigan O probe with Williams markings (1-2-3 - 5 — 7-8-9-10 mm markings) or the UNC-12 or -15 mm. CPITN, WHO, Marquitz, ball-end, flat probes are discouraged. The probe should have appropriate dimensions to facilitate probing without discomfort.

25. References:**A- Required book (s), assigned reading and audio-visuals:**

Carranza Clinical Periodontology and Implant Dentistry; 11th edition
Student Clinical Manual in Periodontology 2015-2016

B- Recommended books, materials, and media:

As assigned by the supervising faculty

26. Additional information:

Expected workload:

On average you should expect to spend between 3 and 5 hours per week on this course.

Name of Course Coordinator: Dr. Omar Alkaradsheh **Signature:**  **Date:** 31/1/2020

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

Copy to:

Head of Department
Assistant Dean for Quality Assurance